AJC/KKA/ead 12/17/03

PATENT APPLICATION Docket No.: 0838,2003-001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

licants:

Garner T. Haupert, Jr. and Steven R. Gullans

Application No.:

10/601,184

Group:

1645

Filed:

June 20, 2003

Examiner:

Not assigned

Confirmation No.:

6779

For:

Biosynthesis of HIF

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

## TRANSMITTAL OF SEQUENCE LISTING AND PRELIMINARY AMENDMENT IN RESPONSE TO NOTICE TO COMPLY WITH 37 C.F.R. §§1.821-1.825

Mail Stop Sequence Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This amendment is submitted in response to the Notice to File Missing Parts of Application, and Notice to Comply with Sequence Rules 37 C.F.R. §§1.821-1.825 attached thereto, mailed from the Patent Office on October 20, 2003, copies of which are attached.

Transmitted herewith is a copy of the "Sequence Listing" (sheet 1/2-2/2), comprising SEQ ID NOS: 1-4 in paper form for the above-referenced patent application as required by 37 C.F.R. §1.821(c), and a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. §1.821(e). Please insert the attached "Sequence Listing" into the application.

As required by 37 C.F.R. §1.821(f), Applicant's Attorney hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. §1.821(g), also states that the submission includes no new matter.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Callins

Anne J. Collins

Registration No. 40,564 Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133
Dated: 1011MW22, 2003